

ABSTRACT

**Name of Work : - Supplying & Erecting Flood Light Fitting with High Mast Pole @ Kotgal LIS
Distt. Gadchiroli.**

Sr. No	Description	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Supplying & erecting 9 m (clear height) fixed type High Mast (Top 100mm ,Bottom-200 mm) with hexagonal/round bracket & foundation bolts suitable for max 4 nos floodlight fixtures on provided foundation as per specification No OH-PL/OPL. (excluding luminaries) CSR Item.No. 8-2-8.	2 Nos.	39298.60	78597.20
2.	Supplying and erecting integrated LED Flood light fitting Max. 195 W IP 65 & IK 07 Class having pressure die-cast aluminium housing, having system lumens output of Min. 23400 Lumens min. efficacy of 120 lumen / W, CRI > 70, CCT upto 6500K, THD < 10 % , p.f. > 0.95 , opening range of 140-270V, inbuilt surge protection of 4 kv Life class of 50,000 Hrs. at L70B50, including driver with U Shaped bracket with 2 Years warranty as per specification no FG-ODF / FLS2. CSR Item. No. 2-3-18.	8 Nos.	19426.00	155408.00
3.	Supplying & erecting mains with 2 x 4 sq mm FRLSH copper PVC insulated wire laid in provided conduit/ trunking/ inside pole/ Bus bars or any other places. as per specification no WG-MA/BW. CSR Item. No. 1-3-3.	180Mtr	108.90	19602.00
4.	Supplying , erecting & terminating FR XLPE insulated, galvanized steel formed wire armoured (strip) cable 1100 V, 4 core 25 sq mm aluminium conductor complete erected with glands & lugs on wall/ trusses/ pole or laid in provided trench / pipe as per specification no CB-LT/AL. CSR Item. No. 7-1-30.	440Mtr	291.50	128260.00
5.	Making trench in hard murum/ tar road having 0.9 m depth and minimum 0.3 mtr. Width for laying provided cables of voltage range 3.3 kv to 11 kv complete as per specification no CW-EXN-CTR. CSR Item. No. 16-1-4.	340Mtr	339.90	115566.00
6.	Supplying , erecting & marking SPN MCB 0.5 A to 5 A, C Series with rated short circuit breaking capacity (Icn) 10 KA in provided distribution board as per specification no SW-SWR / MCB. CSR Item. No. 5-3-1.	12Nos.	275.00	3300.00
7.	Supplying & erecting G I Pipe 50 mm dia C Class at position with accessories complete as per specification No CW-PLB/GP. CSR Item.No.16-5-12.	85 Mtr	748.00	63580.0
8.	Supplying and erecting Copper earth plate size 30x30x0.315 cms complete with all materials testing & recording the results as per Specification no. EA-EP. CSR Item. No. 9-1-2.	8 Nos.	7351.30	58810.40
9.	Making M 20 grade reinforced cement concrete foundation by considering the safe soil bearing capacity at site as 10 T/ sq m at 1.5 m depth including supply of steel, concrete, excavation and fixing provided nut bolts with the help of template, duly plastered as per design complete (for 9 m & 10 m high octagonal /conical GI pole CSR Item. No. 16-3-10.	2 Nos.	7080.70	14161.40
10.	Supplying & erecting outdoor stand mounted feeder pillar for highmast of the same manufacturer with 32 A TPN MCB incomer ,24 hr astronomical time switch with minimum 5 years battery backup IP 54 & IK 10 protection , 25A TP Contractor for automatic switching of luminaries 2 nos 9 A contractors & raise/lower push button & provision for termination of adequate size of incoming & outgoing cables erected in min 14 swg CRCA sheet box with supporting angles, self lock, gasket & slanting top erected with CC foundation complete. CSR Item. No. 8-2-21.	2 Jobs.	32915.30	65830.60
11.	Supplying and erecting aluminium strip of required sizes used for earthing on wall and or any other purpose with necessary aluminium clams fixed on wall with insulating and non corrosive bond in an approved manner with required joints.As per specification no.EA-EP. CSR Item. No. 9-2-6.	40 Kg.	724.90	28996.00

12.	Providing and Back filling carbon based environment friendly back fill earth conductivity enhancing compound of 25 kg bag complete. CSR Item. No. 9-3-2.	8 Nos.	1437.70	11501.60
13.	Supplying & erecting Water tight terminal box of cast iron of size 200 x 150 x 150 mm complete on pole as per specification No CB-SB. CSR Item. No. 7-8-5.	2 Nos.	696.30	1392.60
	Total Rs.			745005.80
	Add G S T 18%			134101.04
	Total Rs.			879106.84
			Say Rs.	8,79,107/-

(Rs. Eight Lac Seventy Nine Thousand One Hundred & Seven Only)

Prepared by

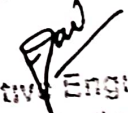


B.V. Thakare.
Sectional Engineer.
(Electrical)



(K.A. Yawle)
Deputy Engineer
Lift Irrigation Mechanical & Electrical
Sub-Division No.2, Chandrapur.

"Recommended"


Executive Engineer
Mechanical Lift Irrigation Dn. No 2
Chandrapur

Sanctioned Estimate No 26 / SEMC/NGPI/2024
Dated 12/5/2024
Technically Sanctioned for Rs. 8,79,107/- (Rupees
Rs Eight Lakh Seventy Nine Thousand &
Hundred seven only)


Superintending Engineer
Mechanical Circle
Nagpur